$$\#(z) = \frac{1 + 0.2^{-1}}{1 + 0.2^{-1}} = \frac{1 - \frac{1}{2}z^{-1}}{1 - \frac{1}{2}z^{-1}}$$

$$H\left(\underline{s}_{1}\right) = \frac{1-\frac{7}{4}\cdot\underline{s}}{1+\frac{7}{4}\cdot\underline{s}}$$

$$\prod_{XX} \left( \underline{s} \right) = \Lambda_{S}^{M} \cdot \frac{1 - \frac{5}{4} \underline{s}_{1}}{1 + \underline{s}_{1}} \cdot \frac{1 + \underline{s}_{2}}{1 + \underline{s}_{3}}$$

$$= \sqrt{\frac{2}{4}} \cdot \frac{2+1}{2^{2} \cdot \frac{1}{2}(2-2)} = -2\sqrt{\frac{2}{4}} \cdot \frac{2+1}{2(2-2)}$$

$$\frac{A(z)}{z} = \frac{1}{z \cdot (z-z)} = \frac{A}{z} + \frac{B}{z-1} + \frac{C}{z-2} = \frac{A}{z-2} + \frac{B}{z-1} = \frac{A}{z-2} + \frac{B}{z-1} = \frac{A}{z-2} + \frac{B}{z-1} = \frac{A}{z-2} + \frac{B}{z-2} = \frac{A}{z-2} +$$

$$A(\lambda) = A + B \cdot \frac{2}{2-\frac{1}{2}} + C \cdot \frac{2}{2-2}$$

$$T_{xx}(s) = -2\Delta_{x}^{x}\left(A + B \cdot \frac{z}{z-\frac{1}{2}} + C \cdot \frac{z}{z-z}\right)$$

$$\int_{XX} [w] = -2 \int_{W}^{2} \left( A \cdot \delta[w] + B \cdot \left( \frac{1}{2} \right) \cdot u[w] + C \cdot 2 \cdot u[-w-1] \right)$$

$$= -2 \int_{W}^{2} \left( \delta[w] - 3 \cdot \left( \frac{1}{2} \right) \cdot u[w] - 3 \cdot 2 \cdot u[-w-1] \right)$$

$$= -2 \sqrt{N} \left( \sqrt{2} \left( \sqrt{2} \left( \sqrt{2} \right) - \sqrt{3} \cdot \frac{1}{2} \right) \right)$$



$$A = \frac{1}{(-\frac{1}{2}) \cdot (-2)} = \frac{1}{1} = \frac{1}{1}$$

$$\mathcal{R} = \frac{(3/2)^2}{\frac{1}{2}(-3/2)} = \frac{9/4}{-3/4} = -3$$

$$C = \frac{9}{2 \cdot \frac{3}{2}} = 3$$

$$\frac{E \times .2 / \angle ob 12}{2}$$

$$\int_{XX} \left( 5 \right) = \sum_{\infty} \left( \frac{1}{3} \times \left[ \frac{1}{4} \right] \right) \cdot \underbrace{5}_{W} = \sum_{\infty} \left( \frac{1}{4} \right) \cdot \underbrace{5}_{W} + \underbrace{5}_{W}$$

$$=\sum_{M_1=0}^{90}\left(\frac{1}{4^{\frac{2}{2}}}\right)^{M_1}+\sum_{M_2=1}^{90}\left(\frac{2}{4}\right)^{M_2}$$

$$\frac{1}{2} \frac{1}{2} \frac{1}$$

$$\frac{1}{1 - \frac{1}{a^{\frac{2}{3}}}} = \frac{2}{4a^{\frac{2}{3}}} = \frac{2}{2a^{\frac{2}{3}}}$$

$$\frac{1}{1 - \frac{1}{a^{\frac{2}{3}}}} = \frac{4a^{\frac{2}{3}}}{4a^{\frac{2}{3}}} = \frac{2}{2a^{\frac{2}{3}}}$$

$$\frac{1}{1 - \frac{1}{a^{\frac{2}{3}}}} = \frac{4a^{\frac{2}{3}}}{2a^{\frac{2}{3}}} = \frac{2}{2a^{\frac{2}{3}}}$$

$$\frac{1}{a^{\frac{2}{3}} - 4a^{\frac{2}{3}}} = \frac{15a^{\frac{2}{3}}}{16a^{\frac{2}{3}}}$$

$$\frac{1}{a^{\frac{2}{3}} - 4a^{\frac$$

$$X[M] = \frac{1}{4} \cdot X[M-1] + W[M-1]$$